

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A process for the preparation of an acylphosphine oxide solids solid with a melting points point above room temperature, which comprises converting the acylphosphine oxide present following reaction or work-up as a continuous melt phase or disperse melt phase into the solid state of aggregation with externally exerted mechanical stress, shearing and/or internal agitation of the melt during solidification, whereby the melt internally flows, shears or is internally agitated.

Claim 2 (Currently Amended): A process as claimed in claim 1, wherein the melt is a liquid mixtures mixture which comprise comprises the acylphosphine oxide in question in an amount of at least 85% by weight.

Claim 3 (Currently Amended): A process as claimed in claim 1, wherein [[the]] a dispersion of [[a]] the acylphosphine oxide present in dispersed form is distributed as droplets with a diameter of at least 0.1 μ m in another phase.

Claim 4 (Currently Amended): A process as claimed in any of the present claims claim 1, wherein the mechanical stress of the melt is caused by stirring, pumping, knife coating, scratching, treatment with ultrasound or a stream of gas, which is passed through the melt or directed onto its surface.

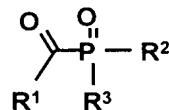
Claim 5 (Currently Amended): A process as claimed in any of the preceding claims claim 1, wherein the melt is mixed with a solid.

Claim 6 (Currently Amended): A process as claimed in ~~any of the preceding claims~~
claim 1, wherein the melt is mixed with a liquid in which the melt is soluble in an amount of
not more than 10% by weight.

Claim 7 (Original): A process as claimed in claim 6, wherein the melt is mixed with a
liquid which is soluble in the acylphosphine oxide in an amount of not more than 10% by
weight.

Claim 8 (Currently Amended): A process as claimed in claim 6 [[or 7]], wherein the
liquid is an ionic liquid.

Claim 9 (Currently Amended): A process as claimed in ~~any of the present claims~~
claim 1, wherein the acylphosphine oxide is one of the formula (I)



in which

R^1 , R^2 and R^3 , independently of one another, are $\text{C}_1\text{--C}_{18}$ -alkyl, $\text{C}_2\text{--C}_{18}$ -alkyl
optionally interrupted by one or more oxygen and/or sulfur atoms and/or one or more
substituted or unsubstituted imino groups, $\text{C}_2\text{--C}_{18}$ -alkenyl, $\text{C}_6\text{--C}_{12}$ -aryl, $\text{C}_5\text{--C}_{12}$ -cycloalkyl or
a five- to six-membered heterocycle having oxygen, nitrogen and/or sulfur atoms, where said
radicals can each be substituted by aryl, alkyl, aryloxy, alkyloxy, heteroatoms and/or
heterocycles, and

R^2 and R^3 , independently of one another, may additionally be hydroxy, C₁-C₁₈-alkoxy optionally substituted by aryl, alkyl, aryloxy, alkyloxy, heteroatoms and/or heterocycles, or R^1 -(C=O)-.

Claim 10 (Currently Amended): A process as claimed in ~~any of the present claims~~ ~~claim 1~~, wherein the acylphosphine oxide is ~~chosen~~ selected from the group consisting of 2,4,6-trimethylbenzoyldiphenylphosphine oxide, bis(2,4,6-trimethylbenzoyl)phenylphosphine oxide and bis(2,6-dimethoxybenzoyl)-2,4,4-trimethylpentylphosphine oxide.

Claim 11 (New): A process as claimed in claim 1, wherein the acylphosphine oxide is 2,4,6-trimethyl-benzoyldiphenyl-phosphine oxide.

Claim 12 (New): A process as claimed in claim 7, wherein the liquid is an ionic liquid.

Claim 13 (New): A process as claimed in claim 6, wherein the liquid has an E_T(30) value of more than 50.

Claim 14 (New): A process as claimed in claim 6, wherein the liquid has an E_T(30) value of more than 56.

Claim 15 (New): A process as claimed in claim 7, wherein the liquid has an E_T(30) value of more than 50.

Claim 16 (New): A process as claimed in claim 7, wherein the liquid has an $E_T(30)$ value of more than 56.

Claim 17 (New): A process as claimed in claim 2, wherein the mechanical stress of the melt is caused by stirring, pumping, knife coating, scratching, treatment with ultrasound or a stream of gas, which is passed through the melt or directed onto its surface.

Claim 18 (New): A process as claimed in claim 3, wherein the mechanical stress of the melt is caused by stirring, pumping, knife coating, scratching, treatment with ultrasound or a stream of gas, which is passed through the melt or directed onto its surface.